

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
22 September 2005 (22.09.2005)

PCT

(10) International Publication Number  
**WO 2005/088899 A1**

(51) International Patent Classification<sup>7</sup>: **H04L 9/30**,  
G06F 12/00

(21) International Application Number:  
PCT/AU2005/000364

(22) International Filing Date: 15 March 2005 (15.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
2004201058 15 March 2004 (15.03.2004) AU

(71) Applicant (for all designated States except US): **LOCK-STEP CONSULTING PTY LTD** [AU/AU]; 11 Minnesota Avenue, Five Dock, NSW 2046 (AU).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **WILSON, Stephen** [AU/AU]; 11 Minnesota Avenue, Five Dock, NSW 2046 (AU).

(74) Agent: **F B RICE & CO**; 139-141 Rathdowne Street, Carlton, VIC 3053 (AU).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

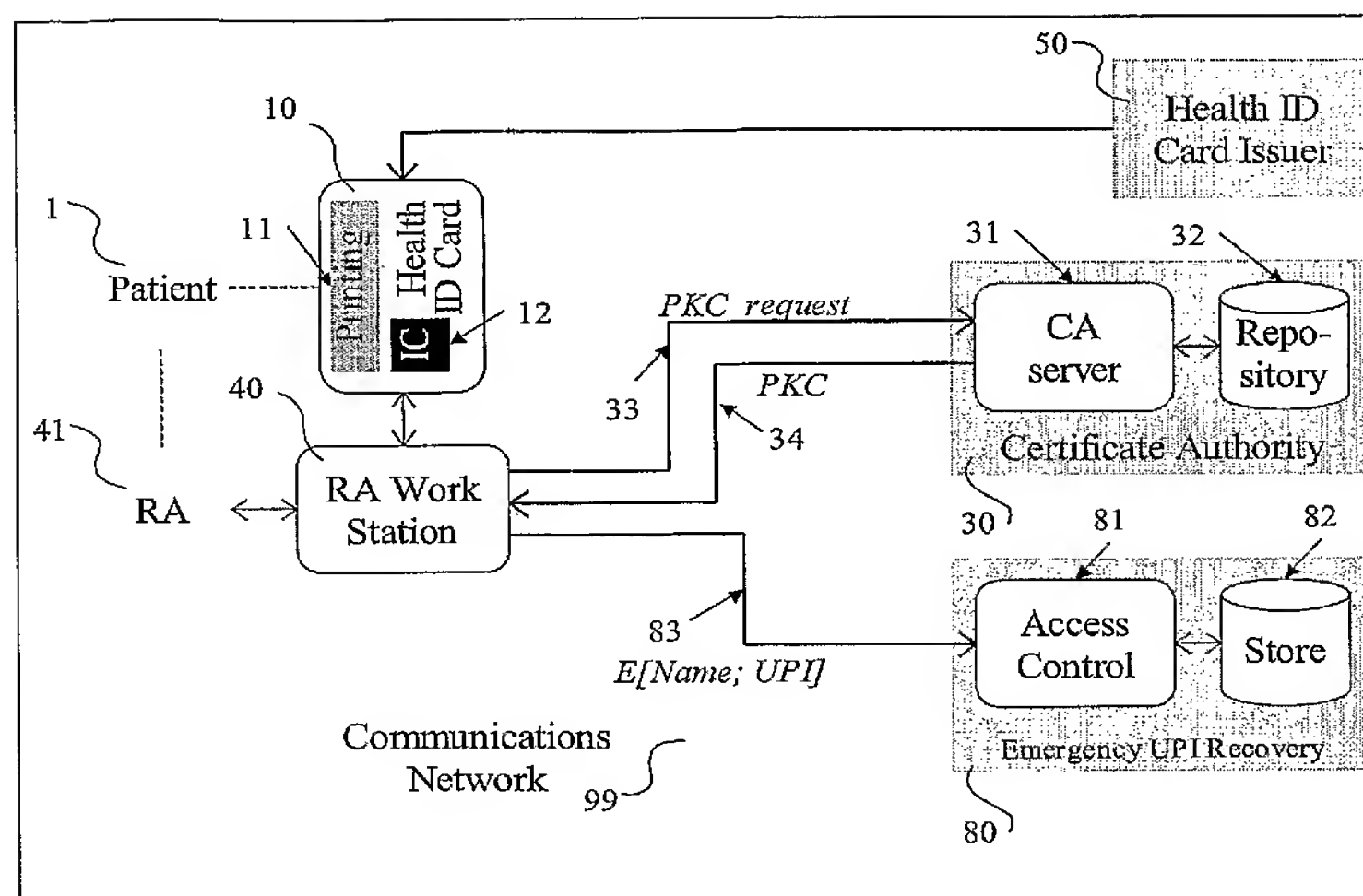
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SYSTEM AND METHOD FOR ANONYMOUSLY INDEXING ELECTRONIC RECORD SYSTEMS



(57) Abstract: A method for issuing Anonymous Public Key Certificates to Registered Persons in an electronic record system, where pointers for indexing the record system are stored within the Anonymous Public Key Certificates, and where associated Private Keys are controlled by smartcards or similar devices. Electronic records may be identifiably indexed when the smartcard has been activated by its holder correctly entering their secret pass-phrase, or anonymously indexed when only the value of a pointer is known. The only direct linkage between each Anonymous Public Key Certificate and the associated Registered Person is through the associated Private Key as controlled by a smartcard or similar device. Using this invention the retrieval of identifiable records pertaining to a given Registered Person from an electronic record system is normally only possible with the agency of the Person's smartcard or similar device, and therefore normally only possible with the Person's consent.